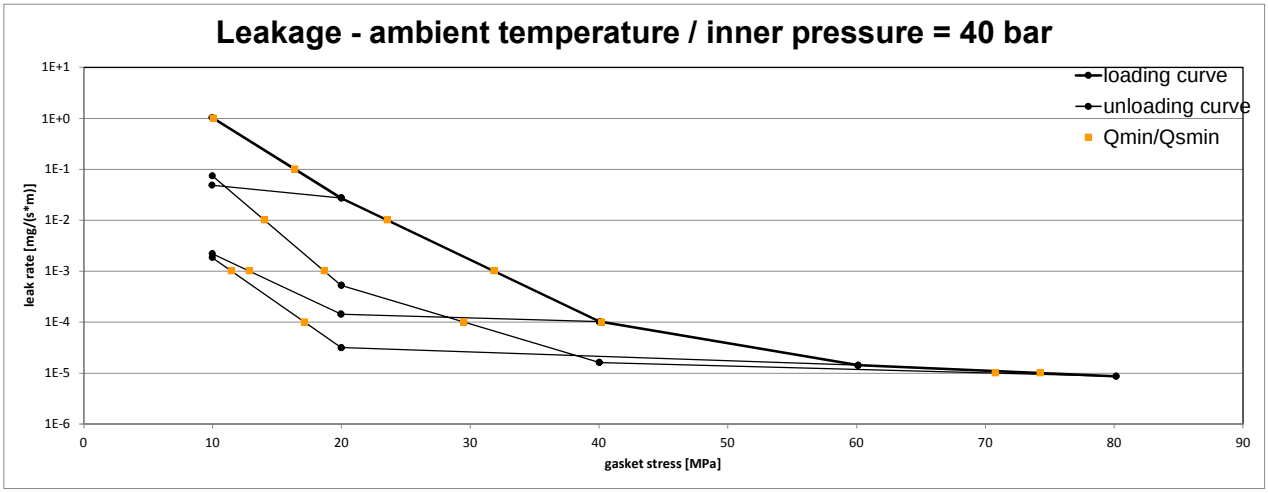
Company Address	W. L. Gore & Associates GmbH, Hermann-Oberth-Strasse 22, 85640 Putzbrunn, Germany	According to **DIN EN 13555 2014-07**
Gasket Type	*GORE® Gasket Tape Series 500*	
Sealing element dimensions [mm]	*151 x 111 x 6.0*	

Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for p = 40 bar												
L [mg/(s*m)]	$Q_{min/L}$ [MPa]	$Q_{Smin/L}$ [MPa]										
		Q_A= 20 MPa	Q_A= 40 MPa	Q_A= 60 MPa	Q_A= 80 MPa							
10^{-0}	10	10	10	10	10							
10^{-1}	16	10	10	10	10							
10^{-2}	24		10	10	14							
10^{-3}	32		13	11	19							
10^{-4}	40			17	30							
10^{-5}	74				71							

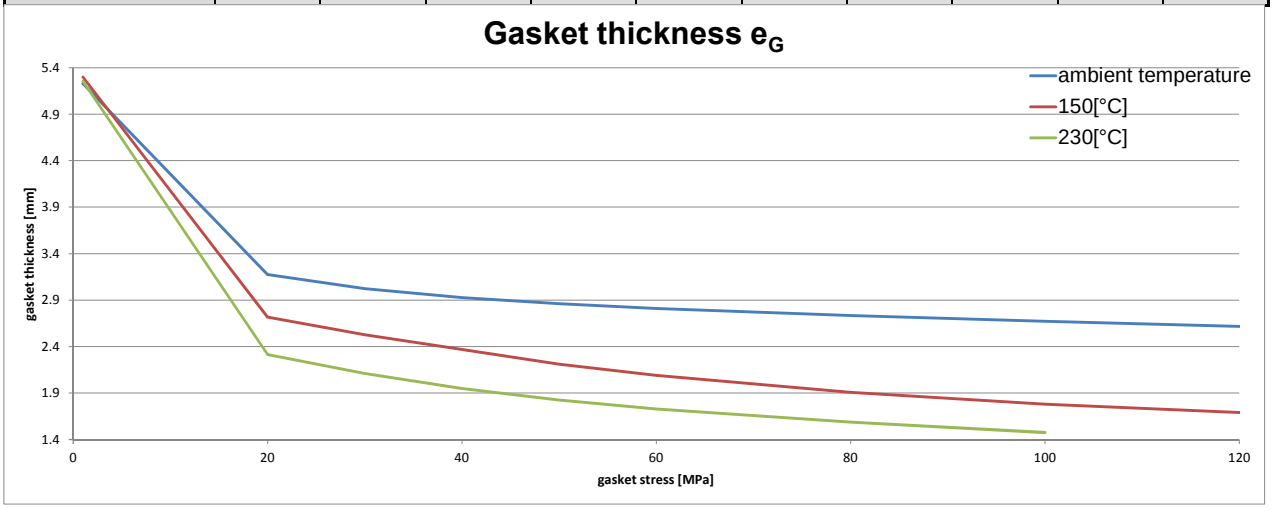


Note: the content of darkened cells was not determined respectively is unnecessary	Rev - No: **1**	Creation date of this sheet:	**2015-11-17**

Company Address	W. L. Gore & Associates GmbH, Hermann-Oberth-Strasse 22, 85640 Putzbrunn, Germany	According to **DIN EN 13555 2014-07**
Gasket Type	*GORE® Gasket Tape Series 500*	
Sealing element dimensions [mm]	*151 x 111 x 6.0*	

Relaxation ratio P_{QR} for stiffness **C** = 500 kN/mm										
Gasket stress	ambient temperature		temperature 1 [150 °C]		temperature 2 [230 °C]					
	P_{QR}	Δe_{Gc} [mm]	P_{QR}	Δe_{Gc} [mm]	P_{QR}	Δe_{Gc} [mm]				
Stress level 1 [30 MPa]	0.86	0.072	0.50	0.249	0.33	0.331				
Stress level 2 [50 MPa]	0.91	0.078	0.48	0.432	0.38	0.514				
P_{QR} and Δe_{Gc} at maximal applicable gasket stress Q_{smax}										
P_{QR} at Q_{Smax}	0.96	0.089	0.58	0.840	0.44	0.930				
Q_{Smax}	120 MPa		120 MPa		100 MPa					

Sekant unloading modulus of the gasket E_G [MPa] and gasket thickness e_G [mm]										
Gasket stress [MPa]	ambient temperature		temperature 1 [150 °C]		temperature 2 [230 °C]					
	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]				
0		6.000		6.000		6.000				
1		5.231		5.301		5.256				
20	724	3.176	644	2.716	439	2.314				
30	1258	3.022	1052	2.529	710	2.112				
40	1611	2.928	1356	2.369	905	1.950				
50	1803	2.862	1526	2.211	1064	1.825				
60	1952	2.810	1743	2.088	1214	1.729				
80	2209	2.735	2197	1.906	1540	1.586				
100	2495	2.671	2639	1.780	1883	1.476				
120	2869	2.618	3318	1.690						



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